

Engineering Careers



FEDERAL CAREER INTERN PROGRAM

**U.S. BUREAU OF RECLAMATION, MP CONSTRUCTION OFFICE
WILLOWS, CALIFORNIA**

Announcement No.: BOR-MPCO

Position: Civil Engineer, GS-0810-05/07/09

Applications will be accepted until further notice

U.S. Citizenship is required.

- **Permanent Entry Level Position in Grades GS-5 through GS-9.**
- **Salaries dependent upon qualifications**
- **GS-5: \$32,084 to \$ 39,491 per annum**
- **GS-7: \$39,738 to \$48,909 per annum**
- **GS-9: \$48,604 to \$59,818 per annum**
- **Promotion Potential:** Promotion potential to the full performance GS-11 grade level (presuming satisfactory job performance).
- **Travel and relocation expenses may be paid.**
- **Prefer applicants graduating in December.**

Brief Description of the Program: The purpose of the Federal Career Intern Program is to hire entry-level professional talent into the civilian workforce and provide training and experience to develop mid and senior-level leadership within the Bureau of Reclamation and Department of the Interior. Individuals selected for this program serve a 2-year internship and are provided formal classroom and on-the-job training to augment the knowledge and skills gained through academic study and work experience. The program will provide an opportunity to learn the Federal system and the chance for challenging and interesting work career with the Bureau of Reclamation.

Brief Description of Duties: At the GS-5 through GS-9 level, the employee serves as an Engineering intern. Assignments are designed to provide opportunities for progressive application of academic theories and basic principles of civil engineering. Plans and conducts office engineering studies and field investigations of engineering problems associated with the physical operation and maintenance of water delivery systems. Develops field design data for repair, rehabilitation, and miscellaneous construction contracts and provides civil engineering design services for projects developed by the MPCO (road repairs or construction, building modification, concrete construction, grading, etc.) Inspects contractor performance for adherence to government specifications. Conducts studies and prepares reports on a variety of special engineering problems, reviewing data and proposals of other divisions to assure adequacy of civil engineering information. Serves on a survey crew, performs laboratory tests of concrete and earth materials to verify properties of materials installed onsite for construction contracts. Monitors and reviews information required for Safety of Dams Program and monitoring of major dams and structures. Considerable travel may be required.

About the MP Construction Office: the MP Construction Office, located in Willows, California, was created in 1990 to manage the Mid Pacific Region's growing construction program in southern Oregon, western Nevada, and central and northern California. The Office is the cornerstone of all preconstruction, onsite construction management and construction contract administration throughout the Region for new construction, rehabilitation of existing facilities, concrete structures and buildings, safety of dams modifications, canals, pipelines, earthen dams, pumping facilities, storage dams and reservoirs, fish facilities, temperature devices, fish screens, and power

generating facilities. The Office maintains satellite field offices at specific sites when necessary. Visit the MP Construction Office website at www.usbr.gov/mp/mpco.

Benefits of Federal Employment:

Excellent Vacation & Sick Leave	Health & Life Insurance	Flexible Work Schedules
Paid Federal holidays	Retirement Plan & 401K Equivalent	Promotion Opportunities

Basic Qualifications: Recent Graduates are encouraged to apply.

➤ **Basic Education Requirement:** Degree in professional engineering. To be acceptable, the curriculum must: 1) be in a school of engineering with at least one engineering curriculum accredited by the ABET; or 2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: a) statics, dynamics; b) strength of materials (stress-strain relationships); c) fluid mechanics, hydraulics; d) thermodynamics; electrical fields and circuits; f) nature and properties of materials relating particle and aggregate structure to properties); and g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics. - OR - (B) Combination of education and experience with course work as shown in A above, plus appropriate experience or additional education.

➤ **GS-05:** Applicants who meet the basic education requirements described above are fully qualified for the GS-5 entry level.

➤ **GS-07:** Applicants who meet any of the following may qualify for the GS-07: (A) In addition to meeting the above educational requirements, applicants for the GS-07 level must possess one year of specialized experience equivalent to the GS-05 level in the Federal service. -OR- (B) In addition to the basic education requirements, completion of one-year of graduate level education that is directly related to the work of the position, - OR - (C) Superior Academic Achievement: Applicants can qualify for GS-07 on the basis of Superior Academic Achievement in one of three ways: (1) GPA 2.95 or above for all courses for the entire curriculum or for courses completed during the final 2 years. As an alternative, the GPA may be 3.45 or higher for courses in the major field of study - either all major courses or major courses during the final 2 years. (2) Class Standing - Applicants must rank in the top third of the graduating class in the college, university, or major subdivision. (3) Honor Society Membership - Membership in one of more than 65 nationally-recognized scholastic honor societies may qualify.

➤ **GS-09:** In addition to meeting the basic education requirements, applicants for the GS-09 level must possess one year of specialized experience equivalent to the GS-07 level of duties - OR- two years of progressively higher level graduate education leading to a master's degree or a master's or equivalent graduate degree.

How to Apply:

- Submit an application package that includes a resume (with country of citizenship, social security number), and a copy of your college transcripts. List any work experience to include employer, dates of employment, full-time or part-time hours. Include this announcement number (BOR – MPCO) on your application materials.
- If you are claiming veteran's preference, also submit a copy of your military discharge (DD-214) and if applicable, an SF-15 form, Application for 10-point Veteran's Preference with the supporting documentation identified on the form.
- Submit your application to Vicky Haney at
 - ✓ Bureau of Reclamation, MP Construction Office, 1140 W. Wood St. Willows, CA 95988
 - ✓ Or, email your application to: vhaney@mp.usbr.gov
 - ✓ Or, fax your application to: (530) 934-7679

For additional information please contact: Vicky Haney at 530-934-1342

The Federal Government is an Equal Opportunity Employer

Applicants will receive appropriate consideration without regard to non-merit factors such as race, color, religion, sex, national origin, marital status, sexual orientation except where specifically authorized by law, age, policies or disability which do not relate to successful performance of the duties of this position. Otherwise qualified applicants with disabilities who need reasonable accommodation may notify the agency Point of Contact on this announcement of their need.

MP CONSTRUCTION OFFICE: DOING IT RIGHT FROM THE START